

## 2010 Delta Science Program Proposal Solicitation Package - Proposals Recommended for Funding

P.I.	Proposal Title	Recipient Institution	Recommended Funding	Topics*			
				1	2	3	4
Boyer, Katharyn	Habitat Values of the Native SAV <i>Stuckenia pectinata</i> in the Low Salinity Zone of San Francisco Estuary	San Francisco State University	\$ 160,000.00	X	X		
Connon, Richard	Physiological Mechanisms of Environmental Tolerance in Delta Smelt ( <i>Hypomesus Transpacificus</i> ): from Molecules to Adverse Outcomes	University of California, Davis	\$ 450,000.00	X			
Feyrer, Fred	Understanding the Scale and Mechanisms of Connectivity between Splittail Populations and the Implications for Management	U. S. Bureau of Reclamation	\$ 600,000.00	X	X	X	X
Glibert, Patricia	Understanding the Effects Of Nutrient Forms, Nutrient Ratios and Light Availability on the Lower Food Web of the Delta	University of Maryland Center for Environmental Science	\$ 489,418.00		X		
Hilborn, Ray	A Multi-Stock Population Dynamics Framework for the Recovery of Sacramento River Chinook Salmon	University of Washington	\$ 700,000.00		X	X	X
Knowles, Noah	CASCaDE II: Computational Assessments of Scenarios of Change for the Delta Ecosystem	U.S. Geological Survey	\$ 1,498,771.00	X	X	X	X
Lund, Jay	Integrating Ecosystem, Flood Control, Agricultural, and Water Supply Benefits: An Application to the Yolo Bypass	University of California, Davis	\$ 267,050.00			X	X
Monismith, Stephen	An Open-Source, Three-Dimensional Model of the Sacramento/San Joaquin Delta: Model Construction and Application to Delta Hydrodynamics and the Prediction of Temperature Variability in the Delta	Stanford University	\$ 723,731.00			X	X
Moyle, Peter	Linking Trophic Ecology with Slough and Wetland Hydrodynamics, Food Web Production and Fish Abundance in Suisun Marsh	University of California, Davis	\$ 178,546.00	X	X	X	
Parker, Alexander	The Role of Microcystis Blooms in the Delta Foodweb: A Functional Approach	San Francisco State University	\$ 900,000.00		X		
Perry, Russell	Quantifying Factors Affecting Migration Routing and Survival of Juvenile Late-Fall Chinook Salmon in the Sacramento-San Joaquin River Delta	U.S. Geological Survey	\$ 215,103.00	X		X	X
Weston, Donald	Impact of Urbanization on Chinook Salmon, Steelhead Trout, and Their Prey: A Case Study of the American River	University of California, Berkeley	\$ 600,000.00		X		
Winder, Monika	Nutritional Quality Of Zooplankton as Prey for Fish in the Sacramento-San Joaquin Delta	University of California, Davis	\$ 312,566.00	X	X		X
<b>Total Recommended Funding</b>			<b>\$ 7,095,185.00</b>				

### 2010 PSP Priority Research Topics

- 1 - Native Fish Biology and Ecology
- 2 - Food Webs of Key Delta Species and their Relationship to Water Quality and other Drivers
- 3 - Coupled Hydrologic and Ecosystem Models
- 4 - Water and Ecosystem Management Decision Support System Development

\* Note - The **bolded** topic identifiers in the recommendations table represents the primary topic addressed by the proposal.